

Figure 1

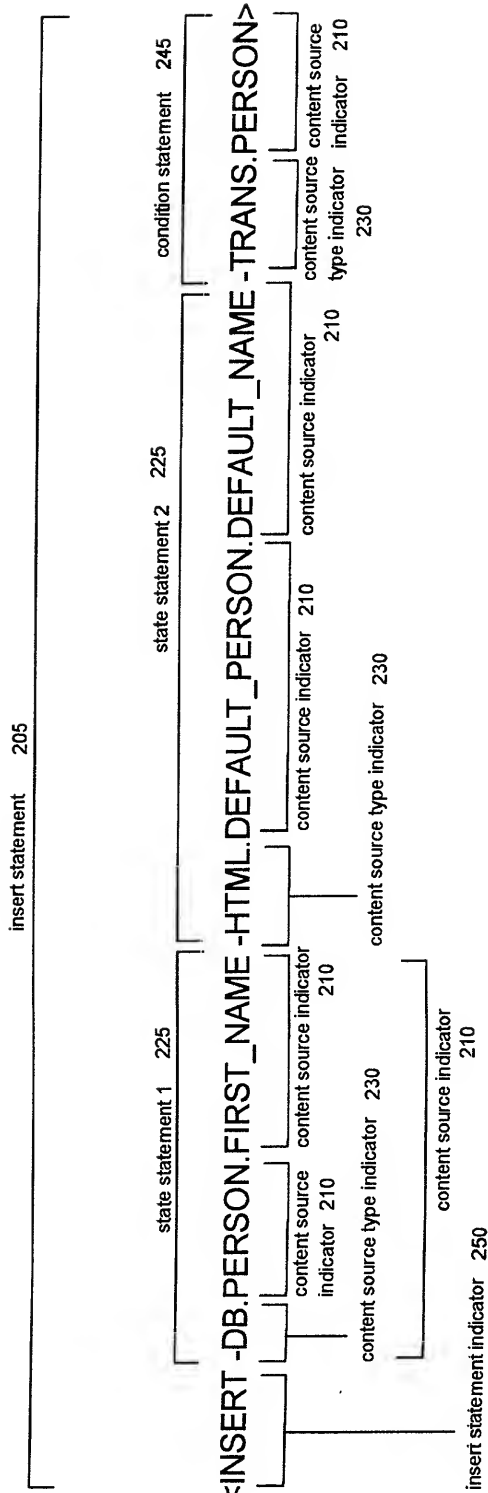


Figure 2

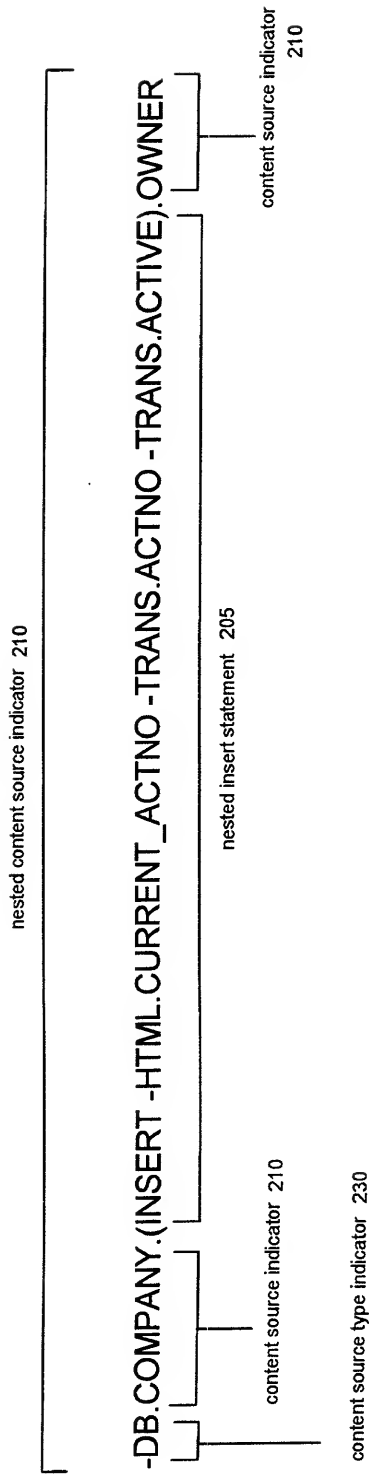


Figure 2A

Nested Content Source Indicator Structure Diagram

content source objects	content source indicators	content source object information including type, access, retrieval instructions
mass data storage application	DB PERSON FIRST_NAME	DLL SXDB OPENFN DLL SXDB_PERSON SXDBFNPERSON DLL SXDB_PERSON SXDBQUERYFNFORPERSON
HTML program source file	HTML DEFAULT_PERSON DEFAULT_NAME	INFILE PARENT c:\www\error.html INFILE PARENT c:\www\default.html INFILE PARENT c:\www\default.html
static file	FILE	TXT c:\person_profile.txt
memory access	TRANS PERSON	DLL MEM_ACCESS.C OPENFN DLL MEM_ACCESS.C MEMB_LOCATE
multimedia data file	MOVIE	MPEG-2 c:\work_env.mpg

Figure 3

insert statement identifiers	402	"<" indicating the start and ">" indicating the end
order of parsing	405	Left to right
statement delimiter	410	blank, i.e. " "
content source indicator delimiter	415	period, i.e. "."
content source type indicator identifier	420	hyphen or "-" preceding a content source indicator
nested content source indicator identifier	425	preceded by left parenthesis, i.e. "(", and followed by right parenthesis, i.e. ")"

Figure 4

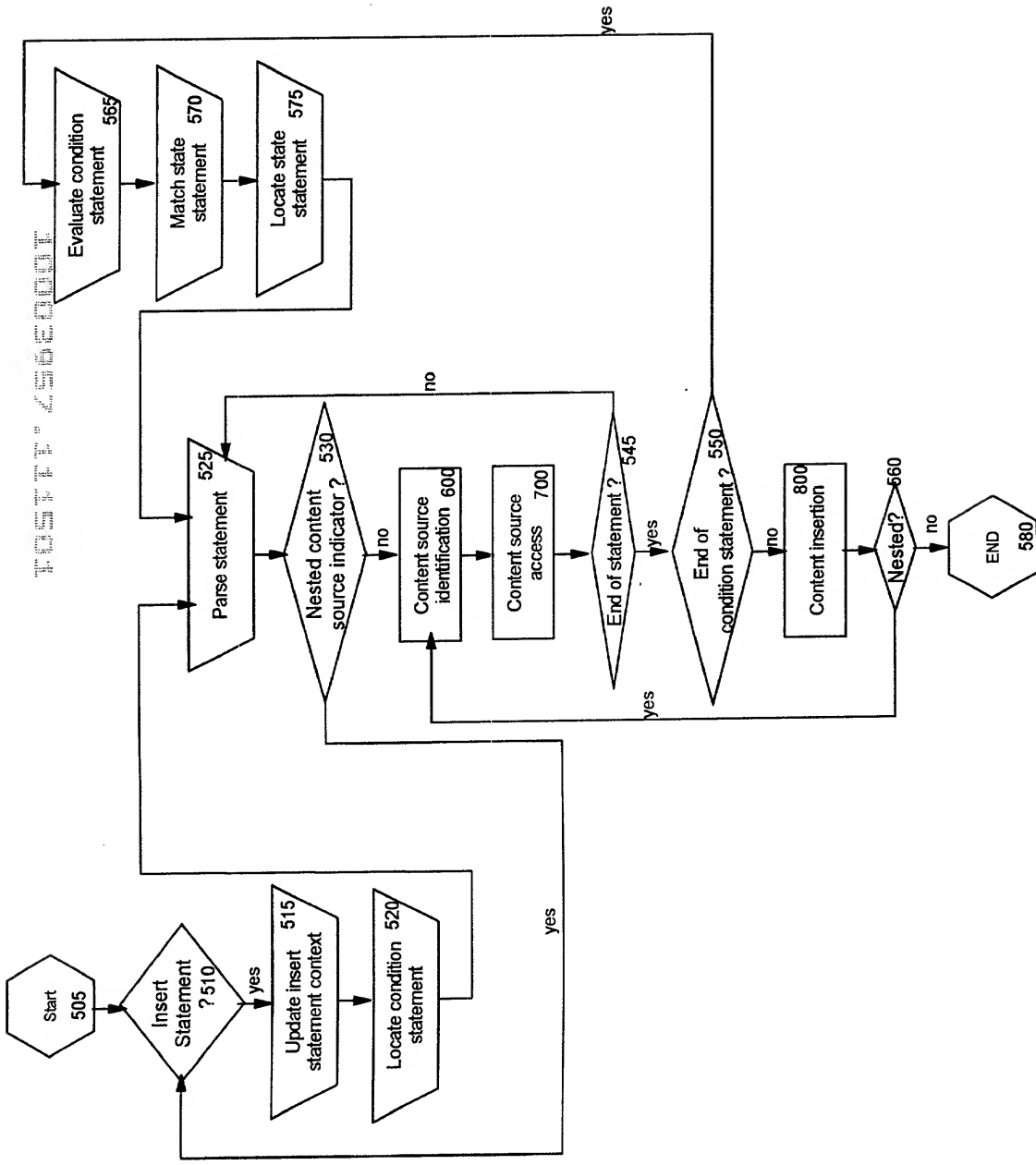


Figure 5

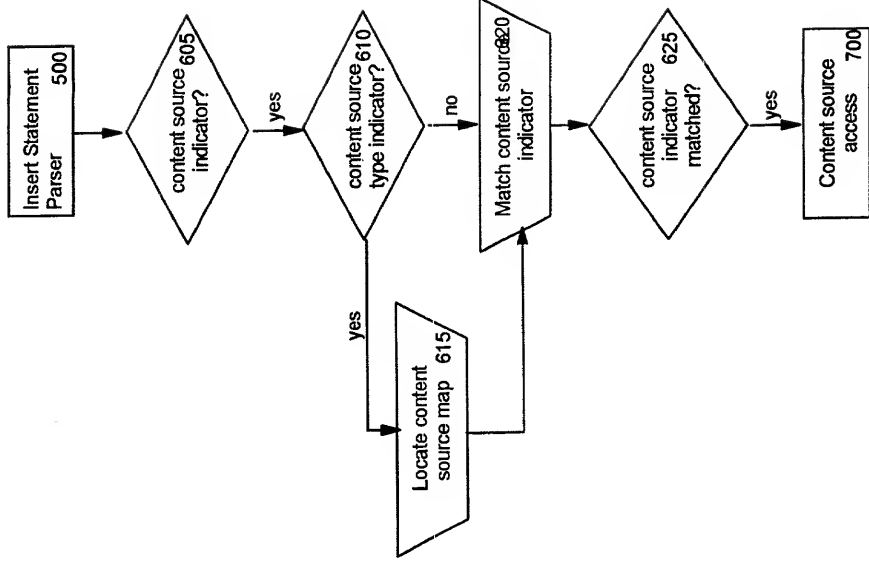


Figure 6

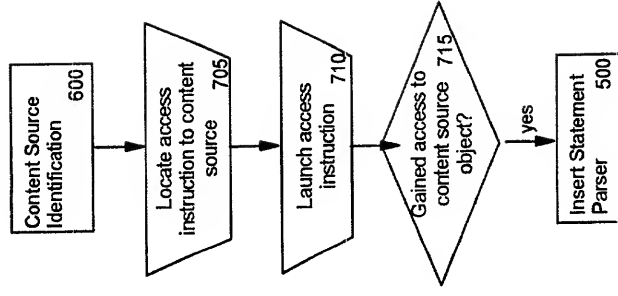


Figure 7

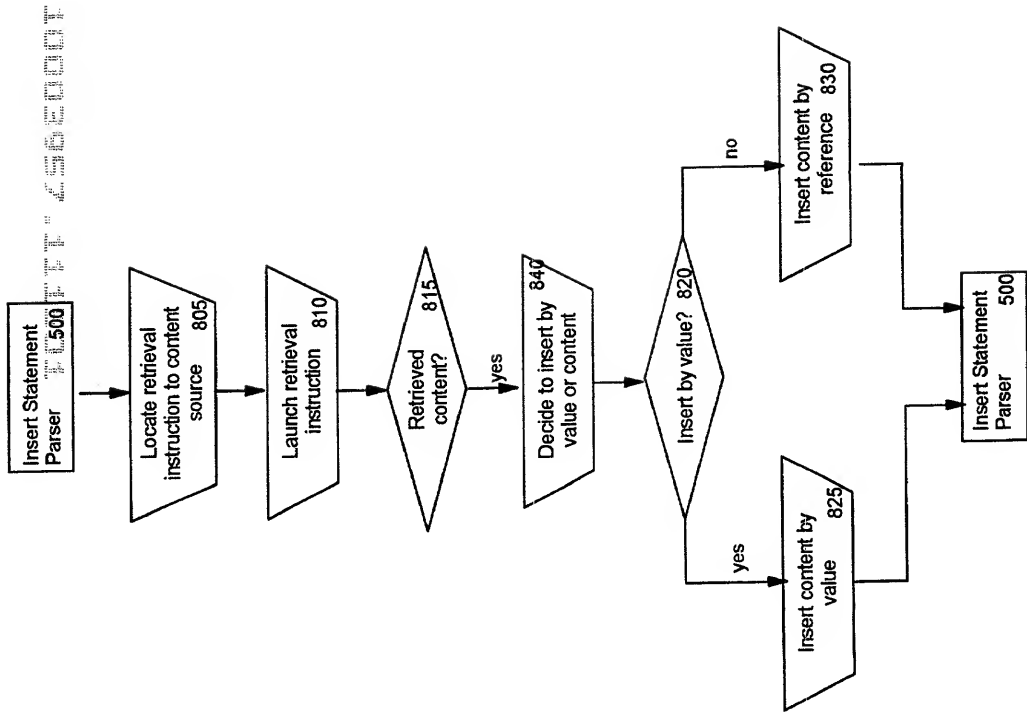


Figure 8

900 HTML source program file

```

<html>
<title>User Profile</title>
<body background="image/back18.jpg">
<table>
<tr>
<td rowspan=2>

</td>
<td align=right>
<FONT color=#0000a0 size=+1> User Profile – </FONT>
</td>
<td align=right>
<FONT color=#0000a0 size=+1> U S Weather </FONT>
...
</table>
...
</body>
</html>

```

1000 resolved html source of the example HTML program source file

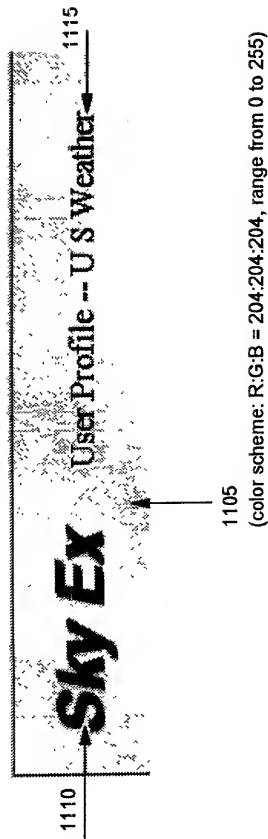


Figure 11 1100 graphic rendering of the resolved html source